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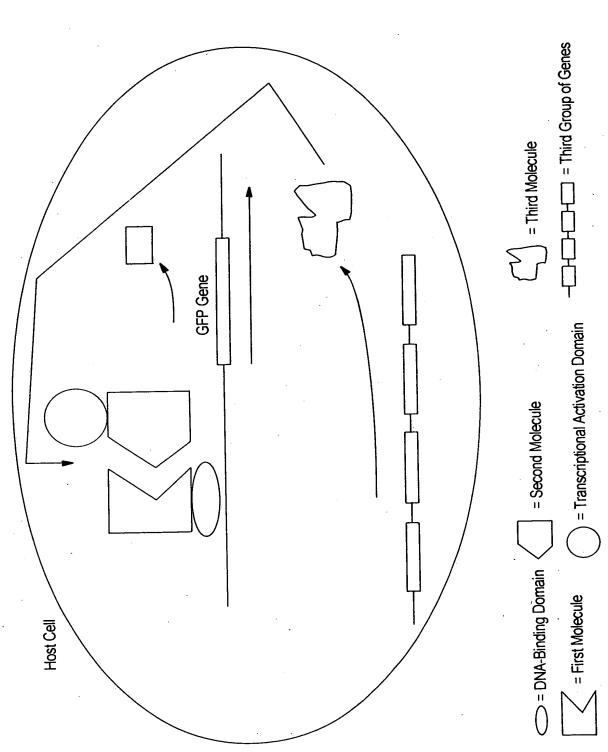
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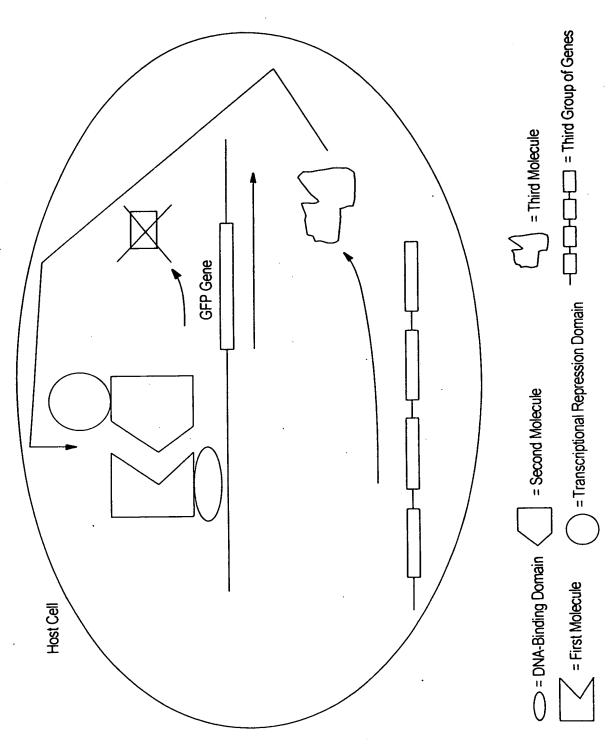
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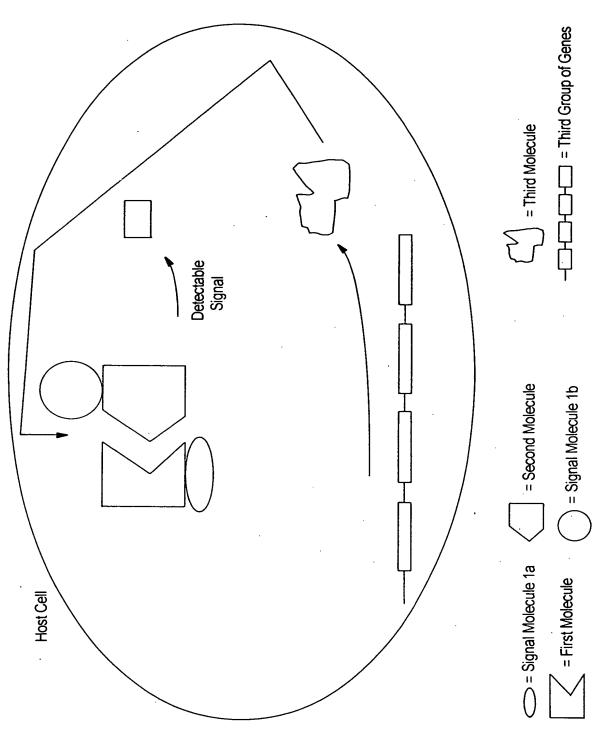


**FIG. 2** 

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REGULATE BIOLO.
Application No.: 09/529,458
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. 1<u>G</u>.3

= Third Molecule Detectable Signal = Signal Molecule 1b = Second Molecule = Signal Molecule 1a = First Molecule Host Cell

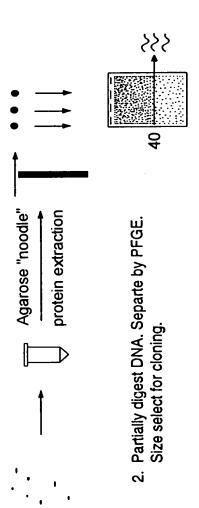
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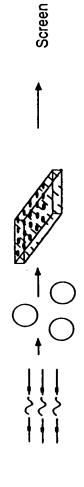


## Capturing Large Genome Fragments From the Environment

1. Concentrate bacteria, digest protein and preserve high MW (> 100 kbp) DNA



3. Ligate to fosmid arms λ package and transfect to *E. coli.* Array library in microtiter plates.



APPLICANT(S): Jay M. Short
TITLE: SCREENING FOR NOVEL COMPOUNDS WHICH
REGULATE BIOLOGICAL INTERACTIONS
Application No.: 09/529,458 File Date: April 13, 2000
Docket No.: DIVER1380-1

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FIG. 6